SERIAL NO.: 10/624,458 DOCKET NO.: 279.340US3

REPLACEMENT SHEET

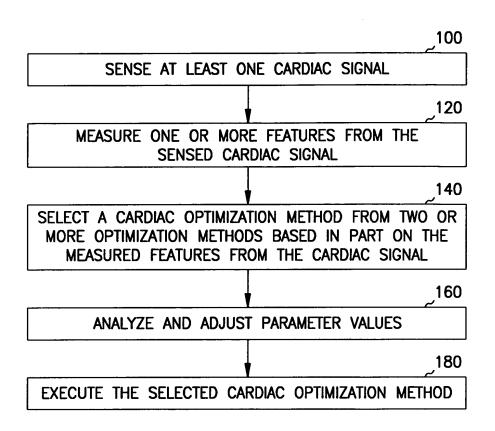


FIG. 1

SEP 1 1 2006 W

TITLE: RESYNCHRONIZATION METHOD AND APPARATUS BASED ON INTRINSIC ATRIAL RATE
INVENTOR'S NAME: ANDREW P. KRAMER, ET AL.

SERIAL NO.: 10/624,458 DOCKET NO.: 279.340US3

REPLACEMENT SHEET

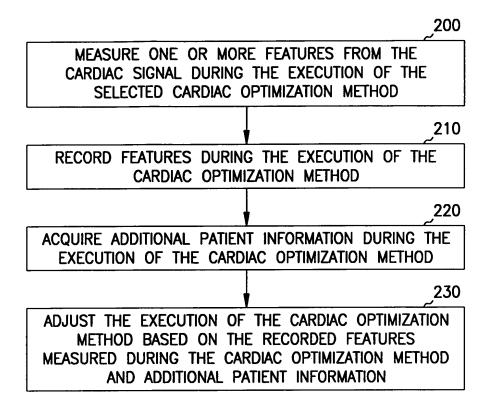


FIG. 2

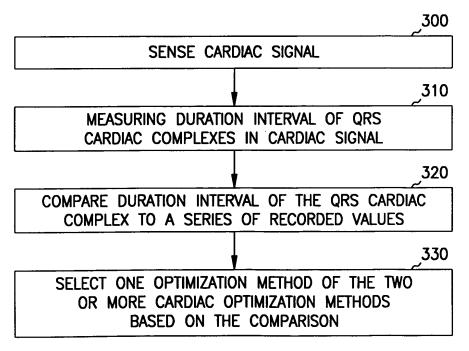
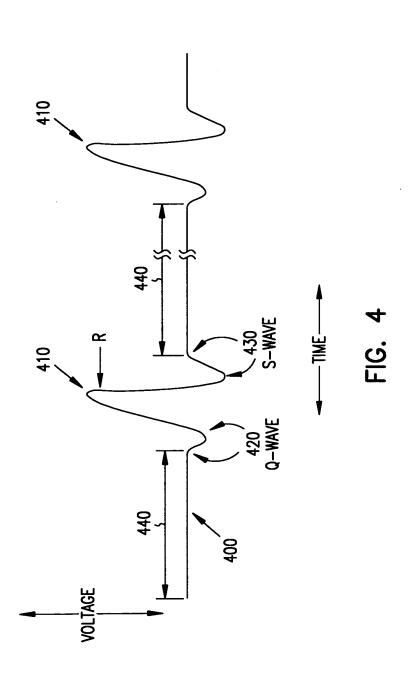


FIG. 3

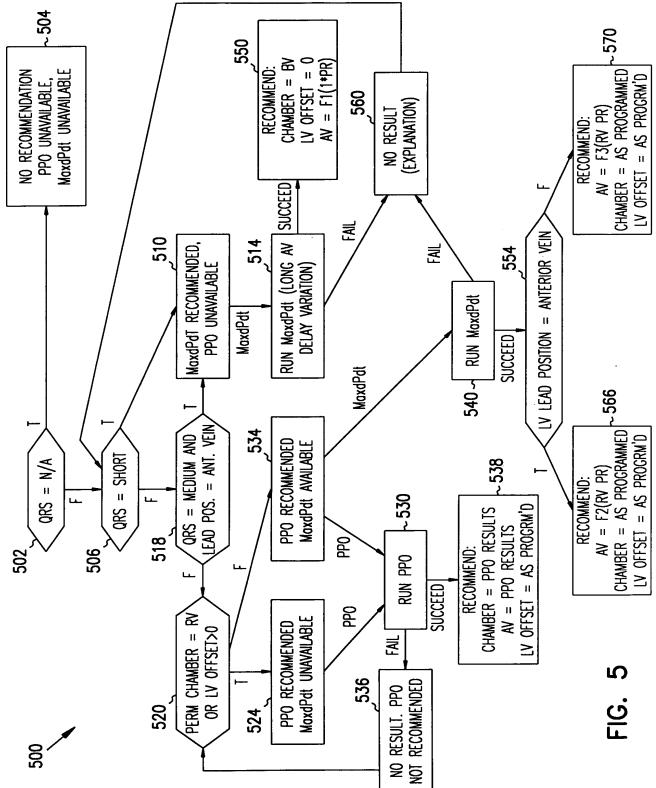
SERIAL NO.: 10/624,458 DOCKET NO.: 279.340US3

REPLACEMENT SHEET





RESYNCHRONIZATION METHOD AND APPARATUS BASED ON INTRINSIC ATRIAL RATE TITLE: INVENTOR'S NAME: AN ANDREW P. KRAMER, ET AL. 58 DOCKET NO.: 279.340US3 SERIAL NO .: REPLACEMENT SHEET SEP 1 1 2006 TO TRADE 504  $\sim 570$ 550 CHAMBER = BVAV = F1(1\*PR)LV OFFSET = RECOMMEND: MoxdPdt UNAVAILABLE NO RECOMMENDATION PPO UNAVAILABLE, 280 NO RESULT (EXPLANATION) RECOMMEND:



SEP 1 1 2006

TITLE: RESYNCHRONIZATION METHOD AND APPARATUS BASED ON INTRINSIC ATRIAL RATE INVENTOR'S NAME: ANDREW P. KRAMER, ET AL.

SERIAL NO.: 10/624,458 DOCKET NO.: 279.340US3

REPLACEMENT SHEET

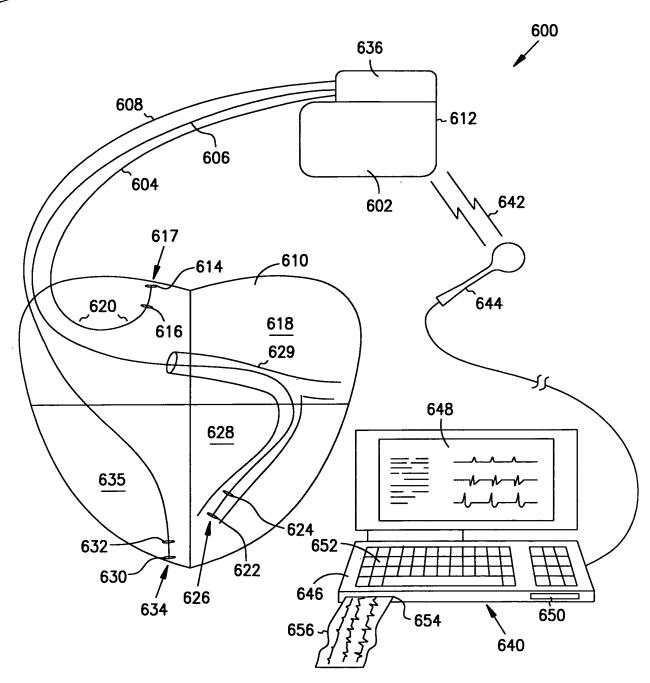


FIG. 6

TITLE: RESYNCHRONIZATION METHOD AND APPARATUS BASED ON INTRINSIC ATRIAL RATE INVENTOR'S NAME: ANDREW P. KRAMER, ET AL.

SERIAL NO.: 10/624,458 DOCKET NO.: 279.340US3

REPLACEMENT SHEET

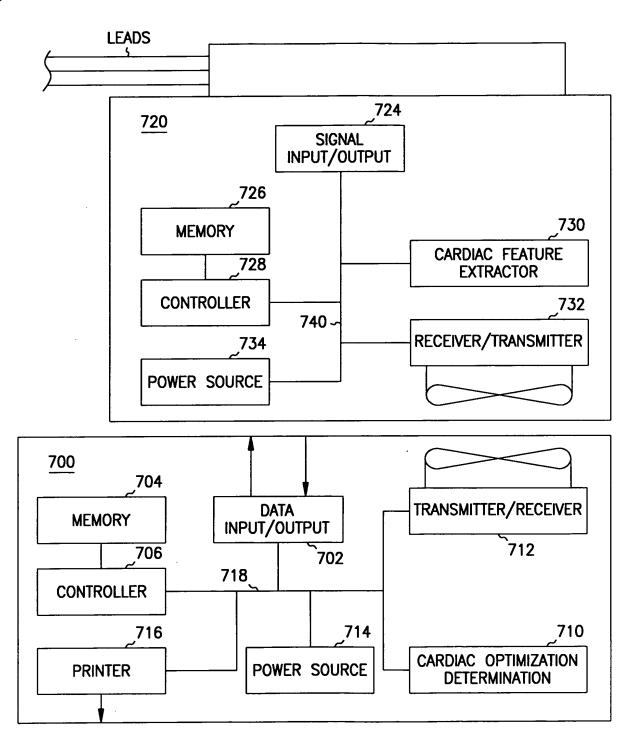


FIG. 7



TITLE: RESYNCHRONIZATION METHOD AND APPARATUS BASED ON INTRINSIC ATRIAL RATE
INVENTOR'S NAME: ANDREW P. KRAMER, ET AL.

SERIAL NO.: 10/624,458 DOCKET NO.: 279.340US3

7/7

**NEW SHEET** 

VARY VALUES OF ONE OR MORE RESYNCHRONIZATION PACING PARAMETERS WHILE MEASURING AN INTRINSIC ATRIAL RATE

802

EXTRACT FEATURE FROM AN ELECTROGRAM SIGNAL

SET ONE OR MORE RESYNCHRONIZATION PACING PARAMETERS BASED ON ONE OR BOTH OF THE FEATURE EXTRACTED FROM AN ELECTROGRAM SIGNAL AND THE VALUE OF A RESYNCHRONIZATION PACING PARAMETER WHICH TENDS TO MINIMIZE THE INTRINSIC ATRIAL RATE

FIG. 8